Statement of Work 2013 Fiscal Year Report
Program: McCall Fish Hatchery (MCFH) and South Fork Salmon River satellite (SFSR)
Species: Summer run Chinook salmon

Objective 1 – Adult Trapping and Broodstock Development
Tasks:

1. No trapping or brood stock development at MCFH.
2. Operate SFSR fish trap, brood stock holding and spawn station
    a. Trap and weir were installed June 7 and shut down on September 16.
    b. A total of 1,118 hatchery females and 937 hatchery males (adults) were trapped along with 1,959 hatchery jacks.
    c. 328 natural origin fish were passed to spawn naturally.

Objective 2 – Spawning
Tasks:

1. Adults are trapped off hatchery, spawned and eggs are returned to the hatchery.
2. SFSR summer run chinook salmon spawn summary
    a. Spawning started August 13 ended on September 16 for a total of eight spawn days
    b. Green eggs were water hardened for an hour in a 100ppm iodophor treatment prior to being transported to MCFH. Individual mesh bags were used to transport each female's eggs for segregation purposes.
    c. 1,736,516 green eggs returned to MCFH for incubation

Objective 3 – Incubation and Rearing
Tasks:

1. Incubate and rear summer run Chinook salmon eggs and fish (BY 13, 12 and 11).
    a. BY13 - A total of 1,511,929 eyed eggs were left after electronic enumeration and hand picking.
    b. BY13 - 595,803 green eggs and 81,864 eyed eggs were transferred to Clearwater Fish Hatchery for the Crooked River program. An additional 299,780 eyed eggs were provided to Shoshone-Bannock Tribe for the Dollar Creek egg box program. A total of 1,130,285 BY13 eyed eggs remained for on-site production.
    c. BY12 - January 24 two incubation stacks were found plugged with debris by the staff in the morning walk around. The result was the loss of 32,500 SFSR integrated stock alevins and 25,400 NPT Johnson Creek stock alevins.
    d. BY12 - A initial start feeding trail was performed to see if altering when fry where first feed would help in the reducing the level of fish loss due to *Phoma herbarum*
    e. BY11 – pre-smolts overwintering in MCFH rearing ponds were fed a maintenance diet. Total feed fed was 48,500 pounds to produce fish weight gain of 55,519 pounds (0.87).
2. Marking and Tagging (BY 11 and 12).
    a. BY11- October 5, 2012 PIT were inserted into 2,019 pre- smolts for the third year of a tagging study comparing fall PIT event to spring PIT event.

b. BY11 - PIT of 25,997 integrated stocks and 25,990 segregated stock occurred February 19-22, 2013.
c. BY12 - First AD clip/CWT event occurred June 3-6, 2013 marking and tagging 444,500 fry. Second and final AD/CWT event occurred July 8-11, 2013 marking and tagging 605,498 fry. As the mark and tag were applied the fry were moved from inside rearing vats to outside rearing ponds.

3. Fish Health (in cooperation with Eagle Fish Health Laboratory).
    a. BY11 - Pre-liberation fish health inspections and evaluations were conducted on February 11, 2013.
    b. BY12 - Fish health inspection was performed on September 26, 2013 on pre-smolts.
    c. BY13 – Brood stock collection fish health samples include 100% ELISA, 60 ovarian fluids and 20 head wedges.

Objective 4 – Juvenile Fish Releases

Tasks:

1. Annual release plans.
    a. BY11 - smolt number released was 1,074,850 with a weight of 63,227 pounds at an average of 17fpp.
    b. BY11 - Stocking of smolts required 26 trips beginning March 25 and ending March 28, 2013.
    c. Nez Perce tribal fisheries personnel transported 130,284 smolts averaging 20.7 fpp with a combined weight of 6,294 on April 1 and 2, 2013. This was a change over the last three years when tribal personnel were releasing these fish at two different release times.

Objective 5 – Facility and Equipment Maintenance, Repair, Replacement

Tasks:

1. Maintain facilities and equipment.

In addition to routine and regularly scheduled maintenance and repair the following projects were completed:

- Hazard tree removal on hatchery grounds.
- Flushed inside rearing and incubation 16 inch waterline.
- Wooden adult pond dam boards were replaced with aluminum boards.
- Fabricated live box dividers for efficient brood stock handling at SFSR.
- Annual generator service.
- Dorm alarm system and fire extinguishers had annual service performed.
- Residence #1 interior was painted and carpet cleaned.
- Residence #1 crawl space vapor barrier and insulation replaced.
- Residence #1 performed minor repairs to house.
- Hatchery ice machine was replaced.
- Hatchery storage areas were reorganized with items disposed of through excess property system or refuse system.
- Hatchery head box flow meter removed then shipped to manufacturer for service and repair.

Objective 6 – Administration, Budgeting, and Reporting

Tasks:

Provide administrative oversight, develop and manage budgets, and meet reporting requirements.

a. Statement of Work and annual budget were submitted to IDFG & LSRCP office in Boise, ID by due dates. The proposed FY 2014 operating budget is $423,024 excluding fish feed and utilities. An itemized and prioritized list of deferred maintenance needs was submitted. Major maintenance and improvement projects were coordinated with LSRCP office.
b. BY 2011 summer run Chinook Brood Year report was submitted.
c. Annual safety inspections occurred with finding submitted to LSRCP.
d. Comprehensive 5-year facility condition assessment was conducted by USFWS Region 1 staff with findings submitted to LSRCP. Five-year seismic study was conducted by USFSW Engineer and hatchery staff assistance.
e. State and Federal real and personal property inventories were performed by hatchery staff through verbal coordination with IDFG HQ staff and LSRCP office staff.
f. Contributions were made and active participation occurred in development of Salmon River AOP.
g. Monthly fish production inventory data were provided to LSRCP office by 7$^{th}$ of each month and monthly hatchery summaries were submitted to Complex Manager by 5$^{th}$ of each month.
h. With submission of this document a written facility annual report will be provided to the LSRCP office by December 31, 2013. No progress summary of ongoing hatchery research projects is included in this report.